

**REMARKS**

Applicants hereby request further consideration of the application in view of the amendments above and the comments that follow.

This response is submitted in reply to the Office Action mailed July 24, 2008 ("the Action"). The application was unintentionally abandoned and a Petition to Revive has been filed herewith.

**Status of the Claims**

The Action indicates that Claims 41-47 are allowed. Claims 1-5, 7, 9, 11, 12, 14, 15, 17, 18, 21, 29, 39 and 40 stand rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent No. 4,215,198 to Gordon (Gordon) in view of U.S. Patent No. 5,094,955 to Calandra et al. (Calandra) alone or, alternatively, further in view of U.S. Patent No. 4,829,005 to Friedman et al. (Friedman). Claims 11-13, 20 and 35 stand rejected under 35 U.S.C. 103(a) as being unpatentable over Gordon in view of Calandra alone or further in view of Friedman, taken further in view of U.S. Patent No. 4,643,197 to Greene (Greene).

**The Rejections under Section 103**

Claims 1-5, 7, 9, 11-15, 17, 18, 20, 21, 29, 35, 39 and 40 have been cancelled by the foregoing amendments. New Claims 48-56 depend from allowed independent Claim 41. New Claims 57-65 depend from allowed independent Claim 45. New independent Claim 66 recites a system including the integrated filtration and detection device as recited in allowed Claim 41. New independent Claim 67 recites a system including the integrated filtration and detection device as recited in allowed Claim 45.

Applicants respectfully submit that all of the pending claims are in condition for allowance. The foregoing amendments are made without prejudice to Applicants' right to file a continuation or continuation-in-part application directed to the subject matter of the amended

claims. The claim amendments are intended for the purpose of expediting issuance of a patent directed to the subject matter of the previously indicated allowable claims and any amendments are not to be considered a representation, concession or acquiescence as to the patentability of the original claims as presented prior to the amendments.

**CONCLUSION**

Applicants respectfully submit that this application is now in condition for allowance, which action is requested. Should the Examiner have any matters outstanding of resolution, he is encouraged to telephone the undersigned at 919-854-1400 for expeditious handling.

Respectfully submitted,



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**CERTIFICATION OF TRANSMISSION**

I hereby certify that this correspondence is being transmitted via the Office electronic filing system in accordance with § 1.6(a)(4) to the U.S. Patent and Trademark Office on September 8, 2009.

  
Katie Wu